

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1. (original) A method of providing a user interface including a 2-dimensional representation of a 3-dimensional multiple-page document having a page-turn comprising:

- displaying said multiple-page document on a 2-dimensional display to a user;
- detecting a request from a user for a subsequent page from said multiple-page document;
- displaying an animated sequence of frames throughout the transition between said first and subsequent pages to create a page-turn; and
- wherein said publication is redrawn to accommodate any change in orientation by the user intermediate of frames in said animated sequence.

Claim 2. (currently amended) The A—method of providing a user interface as claimed in claim 1 wherein said method further includes the steps of:

- representing the multiple-page document and the position of the turning page by means of characteristic points around or about said document;
- orientating said characteristic points in terms of the position of a user;
- translating said points to the 2-dimensional display; and
- drawing at least an outline of said publication with respect to said translated characteristic points.

Claim 3. (currently amended) The A—method of providing a user interface as claimed in claim 1 wherein said turning page includes curvature in the plane of the turning page.

Claim 4. (currently amended) The method of providing a ~~A~~ user interface as claimed in claim 3 wherein a turning page, if viewed in cross section through the page, assumes a substantially elliptical curve from an edge adjacent a spine of said multi-page document towards an outer edge distal from said spine.

Claim 5. (currently amended) The ~~A~~ method of providing a user interface as claimed in claim 2 wherein said characteristic points include bezier control points corresponding to the position of said turning page.

Claim 6. (currently amended) The ~~A~~ method of providing a user interface as claimed in claim 2 wherein said characteristic points include bezier control points relating to the arc through which an outer edge of said tuning page may translate.

Claim 7. (original) A method of displaying an animation frame of a publication with a partially turned page on a display means comprising the steps of:

 determining the rotation of the partially turned page with respect to a reference point for the publication;

 characterising the publication and the partially turned page with characteristic points referenced to a point of rotation;

 orientating the characteristic points about the point of rotation with reference to the position of a user;

 translating the rotated characteristic points to the display means; and

 drawing the frame of the animation of the publication with reference to the translated rotated characteristic points.

Claim 8. (original) A user interface including a 2-dimensional representation of a 3-dimensional multiple-page document having a page-turn comprising:

 a 2-dimensional display for displaying said multiple-page document to a user;

 means for detecting a request from a user for a subsequent page from said multiple-page document;

 means for calculating an animated sequence of frames throughout the transition

between said first and subsequent pages to create a page-turn; and

wherein said means for calculating a frame of said animation accommodates any change in orientation by the user intermediate of frames in said animated sequence.

Claim 9. (currently amended) A user interface for displaying an animation frame of a publication with a partially turned page on a display means comprising:

means for determining the rotation of the partially turned page with respect to a reference point for the publication;

means for characterising the publication and the partially turned page with characteristic points referenced to a point of rotation;

means for orientating the characteristic points about the point of rotation with reference to the position of a user;

means for translating the rotated characteristic points to the display means; and

means for drawing the frame of the animation of the publication with reference to the translated rotated characteristic points.

Claims 10 – 11 (cancelled)

Claim 12. (new) The method of displaying an animation frame of a publication with a partially turned page on a display means as claimed in claim 7 wherein said partially turned page includes curvature in the plane of the turning page.

Claim 13. (new) The method of displaying an animation frame of a publication with a partially turned page on a display means as claimed in claim 12 wherein said partially turned page, if viewed in cross section through the page, assumes a substantially elliptical curve from an edge adjacent a spine of said multi-page document towards an outer edge distal from said spine.

Claim 14. (new) The method of displaying an animation frame of a publication with a partially turned page on a display means as claimed in claim 7 wherein said

characteristic points include bezier control points corresponding to the position of the partially turned page.

Claim 15. (new) The method of displaying an animation frame of a publication with a partially turned page on a display means as claimed in claim 7 wherein said characteristic points include bezier control points relating to the arc through which an outer edge of said partially turned page may translate.

Claim 16. (new) The user interface including a 2-dimensional representation of a 3-dimensional multiple-page document have a page-turn as claimed in claim 8 wherein said means for calculating a frame of said animation further includes:

- means to assign characteristic points around or about said document to represent the multiple-page document and the position of the turning page;
- means to calculate the orientation of said characteristic points in terms of the position of a user;
- means to calculate the translation of said points to the 2-dimensional display; and
- means to draw at least an outline of said publication with respect to said translated characteristic points.

Claim 17. (new) The user interface including a 2-dimensional representation of a 3-dimensional multiple-page document have a page-turn as claimed in claim 8 wherein said turning page includes curvature in the plane of the turning page.

Claim 18. (new) The user interface including a 2-dimensional representation of a 3-dimensional multiple-page document have a page-turn as claimed in claim 17 wherein a turning page, if viewed in cross section through the page, assumes a substantially elliptical curve from an edge adjacent a spine of said multi-page document towards an outer edge distal from said spine.

Claim 19. (new) The user interface including a 2-dimensional representation of a 3-dimensional multiple-page document have a page-turn as claimed in claim 16 wherein said characteristic points include bezier control points corresponding to the position of said turning page.

Claim 20. (new) The user interface including a 2-dimensional representation of a 3-dimensional multiple-page document have a page-turn as claimed in claim 16 wherein said characteristic points include bezier control points relating to the arc through which an outer edge of said turning page may translate.

Claim 21. (new) The user interface for displaying an animation frame of a publication with a partially turned page on a display means as claimed in claim 9 wherein said partially turned page includes curvature in the plane of the turning page.

Claim 22. (new) The user interface for displaying an animation frame of a publication with a partially turned page on a display means as claimed in claim 21 wherein said partially turned page, if viewed in cross section through the page, assumes a substantially elliptical curve from an edge adjacent a spine of said multi-page document towards an outer edge distal from said spine.

Claim 23. (new) The user interface for displaying an animation frame of a publication with a partially turned page on a display means as claimed in claim 9 wherein said characteristic points include bezier control points corresponding to the position of the partially turned page.

Claim 24. (new) The user interface for displaying an animation frame of a publication with a partially turned page on a display means as claimed in claim 9 wherein said characteristic points include bezier control points relating to the arc through which an outer edge of said partially turned page may translate.